# Exhibit 300: Capital Asset Plan and Business Case Summary Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview

1. Date of Submission: 2010-09-22

2. Agency: 029

3. Bureau: 00

**4. Name of this Investment:** Medical 21st Century Registries-2012

5. Unique Project (Investment) Identifier (UPI): 029-00-01-11-01-5109-00

- 6. What kind of investment will this be in FY 2012?: Mixed Life Cycle
  - Planning
  - Full Acquisition
  - Operations and Maintenance
  - Mixed Life Cycle
  - Multi-Agency Collaboration
- 7. What was the first budget year this investment was submitted to OMB? FY2011

8.

a. Provide a brief summary of the investment and justification, including a brief description of how this closes in part or in whole an identified agency performance gap, specific accomplishments expected by the budget year and the related benefit to the mission, and the primary beneficiary(ies) of the investment.

Our patient registries are organized systems that collect and store uniform data (clinical and other) to evaluate specified outcomes for the patient population defined by a particular disease, condition, or exposure, and supports multiple research, clinical, and policy purposes. This Exhibit is based upon a realignment and consolidation of Registries' projects into a single exhibit as a new investment item to allow greater visibility as it goes forward. Prior to FY2011 it was included under VistA Applications Development OMB 300. The Registry Program is composed of several highly visible projects that support specific registries as mandated by laws, regulations or VA mandates. These registries are used to coordinate care, track longitudinal outcomes in order to facilitate research and develop best practices. The component parts of the Registries Program area supports the population-specific data needs of the enterprise and the healthcare needs of veterans, including, but not limited to Clinical Case Registries, Oncology Tumor Registry, Traumatic Brain Injury Registry, Embedded Fragment Registry, Veterans' Implant Tracking and Alert System, and Eye Trauma Registry. This investment will provide service to the veteran through improved healthcare outcomes for those veterans with conditions monitored by the registries. It supports various strategic goals for public health and healthcare delivery and responds to mandates including those from Congress and the President arising from Overseas Contingency Operations. Several projects were added to the Registries OMB300: Breast Cancer, Homeless Registry, and Disease Management. HAIISS is no longer an active project within Product Development. (HAIISS started in Product Development organization in 2008, since last OMB300 update it has moved to the Enterprise Systems Engineering organization). FY12 accomplishments will include, but not be limited to: Establish investment milestones, National Implementation of Homeless Registry and continued data sharing efforts between VA and DOD on Veterans under clinical surveillance for the injuries sustained while in combat.

b. Provide any links to relevant websites that would be useful to gain additional information on the investment including links to GAO and IG reports.

Title	Link

VATI Product Dashboard	http://www.oit.va.gov/dashboard.asp
Public Law 110-181	http://tspr.vista.med.va.gov/warboard/ProjectDocs/Military_Eye_Vision_Injury_Reg istry/Public%20law%20110_181.pdf
Task Force on Returning Global War on	http://www1.va.gov/taskforce/

9.

- a. Provide the date of the Agency's Executive/Investment Committee approval of this investment. 2010-06-10
- b. Provide the date of the most recent or planned approved project charter. 2010-07-01
- 10. Contact information?
  - a. Program/Project Manager Name: \*

Terror Heroes Report

Phone Number: \*

Email: \*

b. Business Function Owner Name (i.e. Executive Agent or Investment Owner): Gail Graham Phone Number: \*

Email: \*

- 11. What project management qualifications does the Project Manager have? (choose only one per FAC-P/PM or DAWIA): Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this investment.
  - Project manager has been validated according to FAC-P/PM or DAWIA criteria as qualified for this
    investment.
  - Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this
    investment.
  - Project manager assigned to investment, but does not meet requirements according to FAC-P/PM or DAWIA criteria.
  - Project manager assigned but qualification status review has not yet started.
  - No project manager has yet been assigned to this investment.

## Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.B.1: Summary of Funding
(In millions of dollars)
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	(Estimates for 61+1 and beyond are for planning purposes only and do not represent budget decisions)												
	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total				
Planning:	*	*	*	*	*	*	*	*	*				
Acquisition:	*	*	*	*	*	*	*	*	*				
Planning & Acquisition Government FTE Costs	*	*	*	*	*	*	*	*	*				
Subtotal Planning & Acquisition(DME):	*	*	*	*	*	*	*	*	*				
Operations & Maintenance:	*	*	*	*	*	*	*	*	*				
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*				
Operations, Maintenance, Disposition Government FTE Costs	*	*	*	*	*	*	*	*	*				
Subtotal O&M and Disposition Costs (SS):	*	*	*	*	*	*	*	*	*				
TOTAL FTE Costs	*	*	*	*	*	*	*	*	*				
TOTAL (not including FTE costs):	*	*	*	*	*	*	*	*	*				
TOTAL (including FTE costs):	*	*	*	*	*	*	*	*	*				
Number of FTE represented by	*	*	*	*	*	*	*	*	*				

Page 3 / 18 of Section300

	Table I.B.1: Summary of Funding (In millions of dollars) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)													
	PY-1 and earlier	PY 2010	CY 2011 (CY Continuing Resolution)	BY 2012	BY+1 2013	BY+2 2014	BY+3 2015	BY+4 and beyond	Total					
Costs:														

- 2. Insert the number of years covered in the column "PY-1 and earlier": 1
- 3. Insert the number of years covered in the column "BY+4 and beyond": \*
- 4. If the summary of funding has changed from the FY 2011 President's Budget request, briefly explain those changes:

Page 4 / 18 of Section300

#### Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

					Table I.	C.1 Contra	cts Table						
Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	Solicitation ID	Alternativ e financing	EVM Require d	Ultimate Contract Value (M)	Type of Contract/Ta sk Order (Pricing)	Is the contract a Perform ance Based Service Acquisit ion (PBSA)?	Effective date	Actual or expected End Date of Contract/Ta sk Order	Extent Competed	Short description of acquisition
Awarded		V0003 under BPA V200P-1754	N/A	V200P-1754	*	*	\$5.0		Y	2008-09-18	2010-09-17		Registries Support Contract
Awarded		VA116C90142	N/A	unknown	*	*	\$5.5		Y	2009-03-29	2010-03-19		VECNA HAIISS Contract
Awarded	3600	VA11810F0338	GS06F0542Z	VA11810RP 0702	*	*	\$9.0	Firm Fixed Price	Y	2010-09-24	2013-09-23	Υ	REGISTRIE S SOFTWARE SUPPORT

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

3.

- a. Has an Acquisition Plan been developed? If yes, please answer the questions that follow \*
- b. Does the Acquisition Plan reflect the requirements of FAR Subpart 7.1 \*
- $c.\mbox{Was}$  the Acquisition Plan approved in accordance with agency requirements  $^*$
- d.If "yes," enter the date of approval?  $^{\ast}$
- e.ls the acquisition plan consistent with your agency Strategic Sustainability Performance Plan? \*
- f. Does the acquisition plan meet the requirements of EOs 13423 and 13514?  $^{\star}$
- g.If an Acquisition Plan has not been developed, provide a brief explanation.

\*

Page 6 / 18 of Section300 OMB Circular No. A11 (2010)

# Part II: IT Capital Investments

#### Section A: General

- 1.
- a. Confirm that the IT Program/Project manager has the following competencies: configuration management, data management, information management, information resources strategy and planning, information systems/network security, IT architecture, IT performance assessment, infrastructure design, systems integration, systems life cycle, technology awareness, and capital planning and investment control. yes
- b.If not, confirm that the PM has a development plan to achieve competencies either by direct experience or education.
- 2. Describe the progress of evaluating cloud computing alternatives for service delivery to support this investment. the converged registries solution, where all new registries will share resources and services, is hosted from a virtual environment at aitc. the team continues to explore how cloud computing can be used for service delivery and consumption.
- 3. Provide the date of the most recent or planned Quality Assurance Plan 2010-07-15
- 4.
- a. Provide the UPI of all other investments that have a significant dependency on the successful implementation of this investment.
- b. If this investment is significantly dependent on the successful implementation of another investment(s), please provide the UPI(s).
- 5. An Alternatives Analysis must be conducted for all Major Investments with Planning and Acquisition (DME) activities and evaluate the costs and benefits of at least three alternatives and the status quo. The details of the analysis must be available to OMB upon request. Provide the date of the most recent or planned alternatives analysis for this investment. 2009-12-31
- 6. Risks must be actively managed throughout the lifecycle of the investment. The Risk Management Plan and risk register must be available to OMB upon request. Provide the date that the risk register was last updated. 2010-07-01

#### Section B: Cost and Schedule Performance

		Table	II.B.1. Compariso	on of Actual Work C	Completed and Ac	tual Costs to Cur	rent Approved Bas	eline:		
Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Development of Embedded Fragments Registry	DME	*	\$2.9	\$2.9	2008-10-01	2008-10-01	2010-03-01	2010-09-30	95.00%	0.00%
Development of Eye Vision Injury Registry	DME	*	\$2.4	\$2.4	2008-10-01	2008-10-01	2010-03-01	2010-09-30	95.00%	0.00%
Development of Traumatic Brain Injury Registry	DME	*	\$1.1	\$0.9	2008-10-01	2008-10-01	2010-02-28	2010-03-31	100.00%	100.00%
Initial Planning and analysis for Surgical Implant Registry (Veterans Implant Tracking and Alert System)	DME	*	\$0.6	\$0.6	2008-10-01	2008-10-01	2010-06-30	2010-07-30	100.00%	0.00%
Healthcare Associated Infection and Influenza Surveillance System (HAIISS)	DME	*	\$36.2	\$16.3	2008-10-01	2008-10-01	2012-09-30	2009-11-30	100.00%	100.00%
Development of updated Clinical Case Registry	DME	*	\$0.9	\$0.9	2008-10-01	2008-10-01	2009-12-31	2010-09-30	95.00%	0.00%
Support of Oncology Tumor Registry Through 2012	DME	*	\$1.8	\$0.5	2008-10-01	2008-10-01	2012-09-30	2010-09-30	100.00%	100.00%
Registries Convergence	DME	*	\$0.0	\$0.7	2009-06-01	2009-06-01	2012-09-30	2010-09-30	100.00%	100.00%
Registries Maintenance and	SS	*	*	*	2012-10-01	*	2013-09-30	*	*	*

Page 8 / 18 of Section300 OMB Circular No. A11 (2010)

		Table	II.B.1. Comparison	n of Actual Work C	Completed and Ac	tual Costs to Curi	rent Approved Bas	eline:		
Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Sustainment FY13										
Registries Maintenance and Sustainment FY14	SS	*	*	*	2013-10-01	*	2014-09-30	*	*	*
Registries Convergence Sustainment FY11	SS	*	\$0.6	\$0.5	2010-10-01	2010-10-01	2011-09-30		75.00%	75.00%
Embedded Fragment Registry Planning (DME)	DME	*	\$0.2	\$0.2	2010-10-01	2010-10-01	2010-12-31	2010-12-31	100.00%	100.00%
Embedded Fragment Registry Increment 3 Development Complete (DME)	DME	*	\$0.5	\$0.5	2011-01-03	2011-01-03	2011-06-30		80.00%	80.00%
Embedded Fragment Registry Increment 4 Development Complete (DME)	DME	*	\$0.5		2011-07-05		2011-12-30		0.00%	0.00%
Eye Vision Injury Registry Planning (DME)	DME	*	\$0.2	\$0.2	2010-10-01	2010-10-01	2010-12-31	2010-12-31	100.00%	100.00%
Eye Vision Injury Registry Increment 3 Development Complete (DME)	DME	*	\$0.5	\$0.5	2011-02-04	2011-02-04	2011-07-29		80.00%	80.00%
Eye Vision Injury Registry Increment 4 Development	DME	*	\$0.5		2011-08-01		2012-01-31		0.00%	0.00%

Page 9 / 18 of Section300 OMB Circular No. A11 (2010)

		Table	II.B.1. Comparison	n of Actual Work C	Completed and Act	tual Costs to Curi	rent Approved Bas	eline:		
Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Complete (DME)										
Homeless Registry: Develop/Finalize Pre-Implementati on Policies, Documents and Standards (DME)	DME	•	\$0.6	\$0.5	2010-10-01	2010-10-01	2011-02-28		75.00%	75.00%
Homeless Registry: Create Integration Mechanism (DME)	DME	*	\$0.8	\$0.1	2011-01-03	2011-01-07	2011-07-29		30.00%	30.00%
Homeless Registry: Develop and conduct pilot and Implementation (DME)	DME	*	\$0.4	\$0.1	2011-01-03	2011-02-21	2011-08-31		25.00%	25.00%
Homeless Registry: Training (DME)	DME	*	\$0.3	\$0.4	2011-01-03	2011-02-21	2012-02-29		25.00%	25.00%
Clinical Case Registries Patch 14 (DME)	DME	*	\$0.4	\$0.4	2010-10-30	2010-10-30	2011-04-30	2011-04-12	100.00%	100.00%
Clinical Case Registries Patch 15 (DME)	DME	*	\$0.4	\$0.4	2011-04-30	2011-04-13	2011-10-30		50.00%	50.00%
Oncology Tumor Registry Patch 52 (DME)	DME	•	\$0.2	\$0.2	2010-10-01	2010-10-01	2011-02-28	2011-02-28	100.00%	100.00%
Oncology Tumor - Move VA Central cancer Registry to Converged Registries (DME)	DME	*	\$0.3	\$0.5	2011-03-01	2011-06-06	2011-09-30		25.00%	25.00%
Traumatic Brain	DME	*	\$0.4	\$0.2	2010-10-01	2010-10-01	2011-09-30		85.00%	85.00%

Page 10 / 18 of Section300 OMB Circular No. A11 (2010)

		Table	II.B.1. Compariso	n of Actual Work C	Completed and Ac	tual Costs to Curi	rent Approved Bas	eline:		
Description of Activity	DME or SS	Agency EA Transition Plan Milestone Identifier	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Injury Registry Enhancements (DME)										
Registries Sustainment FY11	SS	*	\$1.4	\$1.1	2010-10-01	2010-10-01	2011-09-30		75.00%	75.00%
Breast Cancer Registry Development (DME)	DME	*	\$1.5		2011-04-01		2011-09-30		0.00%	0.00%
Disease Management Registry Development (DME)	DME	*	\$1.0		2011-04-01		2011-09-30		0.00%	0.00%
Registries Maintenance and Enhancements FY12 (DME)	DME	*	\$1.4		2011-10-03		2012-09-28		0.00%	0.00%
Homeless Registry - National Implementation Rollout (DME)	DME	*	\$2.0		2011-10-03		2012-04-30		0.00%	0.00%
Registries Sustainment FY12	SS	*	\$0.6		2011-10-03		2012-09-28		0.00%	0.00%
Registries Maintenance and Sustainment FY15	SS	*	*	*	2014-10-01	*	2015-09-30	*	*	*

2. If the investment cost, schedule, or performance variances are not within 10 percent of the current baseline, provide a complete analysis of the reasons for the variances, the corrective actions to be taken, and the most likely estimate at completion.

3. For mixed lifecycle or operations and maintenance investments an Operational Analysis must be performed annually. Operational analysis may identify

Page 11 / 18 of Section300 OMB Circular No. A11 (2010)

the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements. The details of the analysis must be available to OMB upon request. Insert the date of the most recent or planned operational analysis. 2010-10-04

4. Did the Operational analysis cover all 4 areas of analysis: Customer Results, Strategic and Business Results, Financial Performance, and Innovation?

Page 12 / 18 of Section300 OMB Circular No. A11 (2010)

Section C: Financial Management Systems

Table II.C.1: Financial Management Systems										
System(s) Name	System acronym	Type of Financial System	BY Funding							

## Section D: Multi-Agency Collaboration Oversight (For Multi-Agency Collaborations only) Table II.D.1. Customer Table: **Customer Agency** Joint exhibit approval date NONE **Table II.D.2. Shared Service Providers Shared Service Asset Title** Shared Service Provider Exhibit 53 UPI (BY 2011) **Shared Service Provider (Agency)** Table II.D.3. For IT Investments, Partner Funding Strategies (\$millions): Partner Partner exhibit 53 UPI **BY Monetary** Fee-for-Service Agency (BY 2012) Fee-for-Service NONE Table II.D.4. Legacy Systems Being Replaced Name of the Legacy Date of the System **Current UPI**

Page 14 / 18 of Section300 OMB Circular No. A11 (2010)

### Section E: Performance Information

			Table I.E.1a. Performa	nce Metric Attributes			
Measurement Area (For IT Assets)	Measurement Grouping (For IT Assets)	Measurement Indicator	Reporting Frequency	Unit of Measure	Performance Measure Direction	Baseline	Year Baseline Established for this measure (Origination Date)
Technology	Technology Improvement	FY11-FY15: Increased usage of standardized data elements will increase resulting in cost savings of using a single corporate registries database and also improves ability to do data exchange with other data repositories.	annual	Percent	Increase	Realigned Exhibit - Indicators under development	2009-12-31
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	75	75	Met	2010-09-21
			2010	80	83	Met	2011-02-01
			2011	85	TBD	Met	2010-09-21
			2012	90	TBD	Met	2010-09-21
Technology	Availability	FY11-FY15: Measure timeliness of access for report production and value of reports to the business to evaluate the benefit of Converged Registries Solution.	annual	Percent	Increase	Realigned Exhibit - Indicators under development	2009-12-31
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	80	80	Met	2010-09-21

Page 15 / 18 of Section300 OMB Circular No. A11 (2010)

2011 90 TBD Met 2	2011-02-01
	2010-09-21
2012 93 TBD Met 2	
	2010-09-21
Processes and Activities Knowledge Management FY11-FY15: Number of annual Number Increase Realigned Exhibit - 20 Registries using the Converged Registries Solution will increase resulting in cost savings of using a single corporate registries database.	009-12-31
Fiscal Year Target Actual Results Target La "Met" or "Not Met"	ast Updated
2009 0 0 Met 2	2010-09-21
2010 3 3 Met 2	2011-02-01
2011 4 TBD Met 2	2010-09-21
2012 6 TBD Met 2	2010-09-21
Technology Data Reliability and Quality FY11-FY15: Percent of data redundancy decreases defined by number of data elements shared between specific registries within the Converged Registries Solution database.	009-12-31
Fiscal Year Target Actual Results Target La	ast Updated

Page 16 / 18 of Section300 OMB Circular No. A11 (2010)

			2009	25	25	Met	2010-09-21
			2010	20	TBD	Met	2010-09-21
			2011	10	TBD	Met	2010-09-21
			2012	5	TBD	Met	2010-09-21
Mission and Business Results	Health Care Delivery Services	FY11-FY15: Percentage of affected Veterans entered into each Registry's defined cohort to ensure that these veterans populations are being tracked for care outcomes and performance improvement.	annual	Percent	Increase	Realigned Exhibit - Indicators under development	2008-12-31
			Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
			2009	80	80	Met	2010-09-21
			2010	85	85	Met	2011-02-01
			2011	90	TBD	Met	2010-09-21
			2012	90	TBD	Met	2010-09-21
Customer Results	Customer Impact or Burden	FY11-FY15: Percentage of time spent manually entering Registry data expected through	annual	Percent	Decrease	Realigned Exhibit - Indicators under development]	2008-12-31

Page 17 / 18 of Section300 OMB Circular No. A11 (2010)

improved manual entry methods and automated data import.					
	Fiscal Year	Target	Actual Results	Target "Met" or "Not Met"	Last Updated
	2009	25	25	Met	2010-09-21
	2010	22	TBD	Met	2010-09-21
	2011	20	TBD	Met	2010-09-21
	2012	20	TBD	Met	2010-09-21

Page 18 / 18 of Section300 OMB Circular No. A11 (2010)

<sup>\* -</sup> Indicates data is redacted.